

WHAT IS CLAIMED IS:

1. A device for carrying out a sequence of working steps on travelling work station wagons comprising
- a) an oval track wherein said work station wagons are circulating, wherein said wagons comprise at least one detachable connection element connected to a circulating chain which moves said wagons;
- b) at least one insertion and at least one removal guide track is provided on the outside of said oval track, wherein said at least one insertion and at least one removal guide track comprises a transfer point to which the chain is allocated;
- c) at least one coupling element is further provided at each transfer point via which the wagons may be coupled into the guide tracks on the side opposite of the side of said wagons comprising at least one detachable element, with at least one switchable points element located on said guide track, which during the insertion position, release said at least one coupling element and bring about the engagement of said detachable connection element to said chain or during the removal position, couple the coupling elements and removably detach said at least one detachable connection from said chain.
2. A device according to Claim 1, wherein each work station wagon has a spacer which defines the minimum distance between two wagons on said chain and the distance between said chain wherein said detachable connection element is removably connected to the chain at the transfer point is dimensioned in such a way that the wagons allocated to said detachable connection elements have touch-contact via the spacer.
3. A device according to Claim 1, wherein during insertion or removal of said wagon to said device, during transfer, said wagon to be transferred is pushed into position by the following wagon.

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4. ~~A device according to Claim 1, wherein said insertion guide track has a load-dependent drive, the maximum speed of which is higher than the chain speed.~~

5. ~~A device according to Claim 4, wherein said drive is a friction drive.~~

6. ~~A device according to Claim 1, wherein said chain comprises at least one carrier cage to receive said at least one detachable connection element.~~

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